Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system to invoke multiple executions of an analytical task and provide an analytical output in response, to receiving a request for analytical information from a front-end software application, wherein the computer system is programmed to:

receive a request for analytical information from a front-end software application, the analytical information to indicate a likelihood of an event occurrence with regard to an identified entity, the analytical information to be determined using any of multiple information values that are to be identified as associated with the identified entity;

use the request to identify [[a]] at least one first input information value of the multiple information values;

invoke a first execution of the analytical task by providing the at least one first input information value to a first analytical engine, wherein at least one second information value of the multiple information values has not yet been identified when the first execution is invoked;

identify, using the request, [[a]] the at least one second input information value after invoking the first execution; and

invoke a second execution of the analytical task by providing both the at least one first and the at least one second [[input]] information values to a second analytical engine; and

provide an output to the front-end software application in response to the request, the output indicating the likelihood of the event occurrence determined using a result from at least one of the first and second executions of the analytical task.

2. (Original) The computer system of claim 1, wherein the first analytical engine and the second analytical engine are located externally from the computer system.

3.   (Original) The computer system of claim 1, wherein the first analytical engine and the second analytical engine are the same analytical engine.

4.   (Currently Amended) The computer system of claim 1, wherein the request includes the at least one first ~~input~~ information value.

5.   (Currently Amended) The computer system of claim 1, wherein the request includes the at least one second ~~input~~ information value.

6.   (Currently Amended) The computer system of claim 1, wherein the computer system is programmed to obtain the at least one first ~~input~~ information value by invoking an execution of an additional analytical task.

7.   (Currently Amended) The computer system of claim 1, wherein the computer system is programmed to obtain the at least one second ~~input~~ information value by invoking an execution of an additional analytical task.

8.   (Currently Amended) The computer system of claim 1, wherein the computer system is programmed to obtain the at least one second ~~input~~ information value from an additional request that is received from the front-end software application.

9.   (Original) The computer system of claim 1, wherein the analytical task is a prediction task, and wherein the first and second analytical engines are prediction engines.

10.   (Original) The computer system of claim 9, wherein the computer system is programmed to use the request to identify the first and second prediction engines.

11.   (Currently Amended) The computer system of claim 10, wherein the computer system is programmed to:

invoke the first execution of the prediction task on the first prediction engine by

providing the at least one first ~~input~~ information value as input into a first data mining model;

and

invoke the second execution of the prediction task on the second prediction engine by

providing ~~both~~ the at least one first information value and the at least one second ~~input~~

information value ~~values~~ as input into a second data mining model.

12.   (Original) The computer system of claim 11, wherein the first and second data mining

models are a common data mining model, and wherein the first and second data mining models

are used by the first and second prediction engines during task execution.

13.   (Original) The computer system of claim 1, wherein the computer system is programmed

to automatically send output information generated from the first execution of the analytical task

back to the front-end software application.

14.   (Original) The computer system of claim 1, wherein the computer system is programmed

to automatically send output information generated from the second execution of the analytical

task back to the front-end software application.

15.   (Currently Amended) A computer-implemented method to invoke multiple executions of

an analytical task and provide an output in response, ~~to receiving a request for analytical~~

~~information from a front-end software application,~~ the method comprising:

receiving a request for analytical information from a front-end software application, the

analytical information to indicate a likelihood of an event occurrence with regard to an identified

entity, the analytical information to be determined using any of multiple information values that

are to be identified as associated with the identified entity;

using the request to identify [[a]] at least one first ~~input~~ information value of the multiple

information values;

invoking a first execution of the analytical task by providing the <u>at least one</u> first <s>input</s>
<u>information</u> value to a first analytical engine<u>, wherein at least one second information value of</u>
<u>the multiple information values has not yet been identified when the first execution is invoked</u>;

identifying<u>, using the request,</u> [[a]] <u>the at least one</u> second <s>input</s> <u>information</u> value <u>after</u>
<u>invoking the first execution</u>; <s>and</s>

invoking a second execution of the analytical task by providing <s>both</s> the <u>at least one</u> first
and <u>the at least one</u> second <s>input</s> <u>information</u> values to a second analytical engine<u>; and</u>

<u>providing an output to the front-end software application in response to the request, the</u>
<u>output indicating the likelihood of the event occurrence determined using a result from at least</u>
<u>one of the first and second executions of the analytical task</u>.

16-24. (Canceled).

25.   (Previously presented) A computer-readable medium having computer-executable
instructions contained therein to perform a method, the method comprising:

<u>receiving a request for analytical information from a front-end software application, the</u>
<u>analytical information to indicate a likelihood of an event occurrence with regard to an identified</u>
<u>entity, the analytical information to be determined using any of multiple information values that</u>
<u>are to be identified as associated with the identified entity</u>;

using the request to identify [[a]] <u>at least one</u> first <s>input</s> <u>information</u> value <u>of the multiple</u>
<u>information values</u>;

invoking a first execution of the analytical task by providing the <u>at least one</u> first <s>input</s>
<u>information</u> value to a first analytical engine<u>, wherein at least one second information value of</u>
<u>the multiple information values has not yet been identified when the first execution is invoked</u>;

identifying<u>, using the request,</u> [[a]] <u>the at least one</u> second <s>input</s> <u>information</u> value <u>after</u>
<u>invoking the first execution</u>; <s>and</s>

invoking a second execution of the analytical task by providing <s>both</s> the <u>at least one</u> first
and <u>the at least one</u> second <s>input</s> <u>information</u> values to a second analytical engine<u>; and</u>

providing an output to the front-end software application in response to the request, the output indicating the likelihood of the event occurrence determined using a result from at least one of the first and second executions of the analytical task.

26. (Canceled).